



With funding from the Massachusetts Executive Office of Transportation and the federal government, MassDEP is sponsoring the nation's first statewide program to reduce air pollution from school buses. The MASSCLEANDIESEL program will equip all eligible diesel-powered school buses with diesel retrofits at no expense to bus owners. The result? Reduced air pollution

from buses that will mean cleaner rides to school for kids, and healthier air for everyone.



[www.mass.gov/dep](http://www.mass.gov/dep)

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The Massachusetts Department of Environmental Protection is the state agency responsible for ensuring clean air and water, the safe management of toxics and hazards, the recycling of solid and hazardous wastes, the timely cleanup of hazardous waste sites and spills, and the preservation of wetlands and coastal resources.

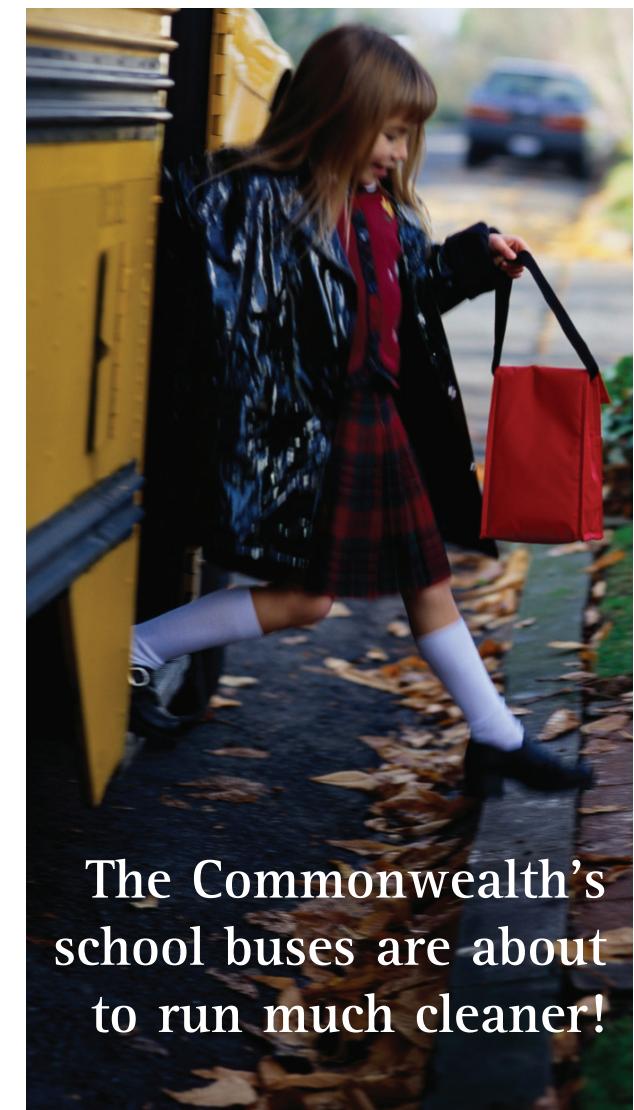
Commonwealth of Massachusetts, Deval Patrick, Governor

Commonwealth of Massachusetts,  
Timothy P. Murray, Lt. Governor

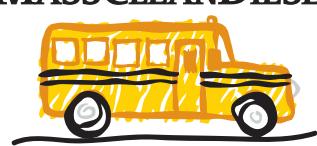
Executive Office of Energy and Environmental Affairs,  
Ian A. Bowles, Secretary

Executive Office of Transportation, Bernard Cohen, Secretary

Department of Environmental Protection,  
Laurie Burt, Commissioner



**The Commonwealth's  
school buses are about  
to run much cleaner!**

**MASSCLEANDIESEL**  
  
**Clean Air for Kids**



## Doing the Right Thing

Taking the bus to school is by far the safest choice for hundreds of thousands of Massachusetts children every year. However, school buses, like all diesel-powered vehicles, pollute the air with harmful gases and particles. The good news is that buses' environmental impacts can be lessened. Installing diesel retrofits on buses can decrease the amount of harmful pollution generated, helping to reduce asthma attacks, respiratory problems, and other diseases associated with diesel exhaust for everyone, especially children.

### What Are "Diesel Retrofits"?

A diesel retrofit is essentially an enhanced exhaust filtering system that reduces pollution released from tailpipes of school buses and other diesel-powered vehicles. This equipment is safe and proven, and more than 500,000 vehicles worldwide have been retrofitted with this technology already. The retrofits take only a few hours to install, but they reduce pollution for many years.



## MASSCLEANDIESEL Delivers

By 2010, the MASSCLEANDIESEL program will pay up to \$16.5 million to install diesel retrofits on several thousand Massachusetts school buses. These retrofits will provide big benefits for your community:

- **Healthier rides.** Diesel retrofits help prevent toxic engine fumes from entering buses and provide children and school bus drivers with healthier air to breathe while riding to and from school. This is especially important for children, whose developing lungs are particularly susceptible to diesel exhaust's damaging health effects.
- **Cleaner outdoor air.** School buses that receive diesel retrofits produce less tailpipe exhaust, and will release less smoke, odorous fumes, and pollutants that form smog. Every retrofitted school bus will help make the air a little bit cleaner.
- **Uncompromised vehicle performance.** Diesel retrofits have a proven track record of reducing pollution in vehicle exhaust. Since diesel retrofits became available, they have worked well for many types of vehicles, including school buses, without compromising vehicle performance or raising difficult engine maintenance issues.
- **Cost-effective results.** The MASSCLEANDIESEL program is using federal and state funds to pay for the retrofits, at no charge to bus owners. To participate in the program, school bus owners will need to enroll, obtain estimates from retrofit vendors, and arrange for retrofit installations. MassDEP will reimburse the retrofit vendor directly, provided that installations meet all terms of the program.

## Enroll Now or Pay Later!

Retrofitting your school buses is currently optional, but may be required in the future. Join the MASSCLEANDIESEL program while funding is available! After the program ends (currently planned for 2010), school bus owners will likely have to pay for their own diesel retrofits, at a cost of several thousand dollars per vehicle.



### For More Information

- Learn more about retrofitting diesel school buses and enroll in the MASSCLEANDIESEL program by visiting our Web site:  
[www.mass.gov/dep/air/masscleandiesel](http://www.mass.gov/dep/air/masscleandiesel)
- Join our mailing list to receive important announcements. E-mail your contact information to [massclean.diesel@state.ma.us](mailto:massclean.diesel@state.ma.us) or call the help line at (617) 292-5809.